

POWERED COPING SAW

ABSTRACT OF THE DISCLOSURE

An elongate, cylindrical hand-held powered coping saw adapted for making thin
2 cuts of short length, such as for cutting individual dies from a full arch dental model
generally includes a blade assembly, a housing, a rotary motor having a drive shaft, a piston
4 for driving the blade assembly, and a motion converter connecting the drive shaft to the
piston for converting rotary motion of the drive shaft into reciprocating linear motion of
6 the piston. Preferably, the blade stroke length is less than the distance between opposing
U-sections of a full dental arch model along a cut line.